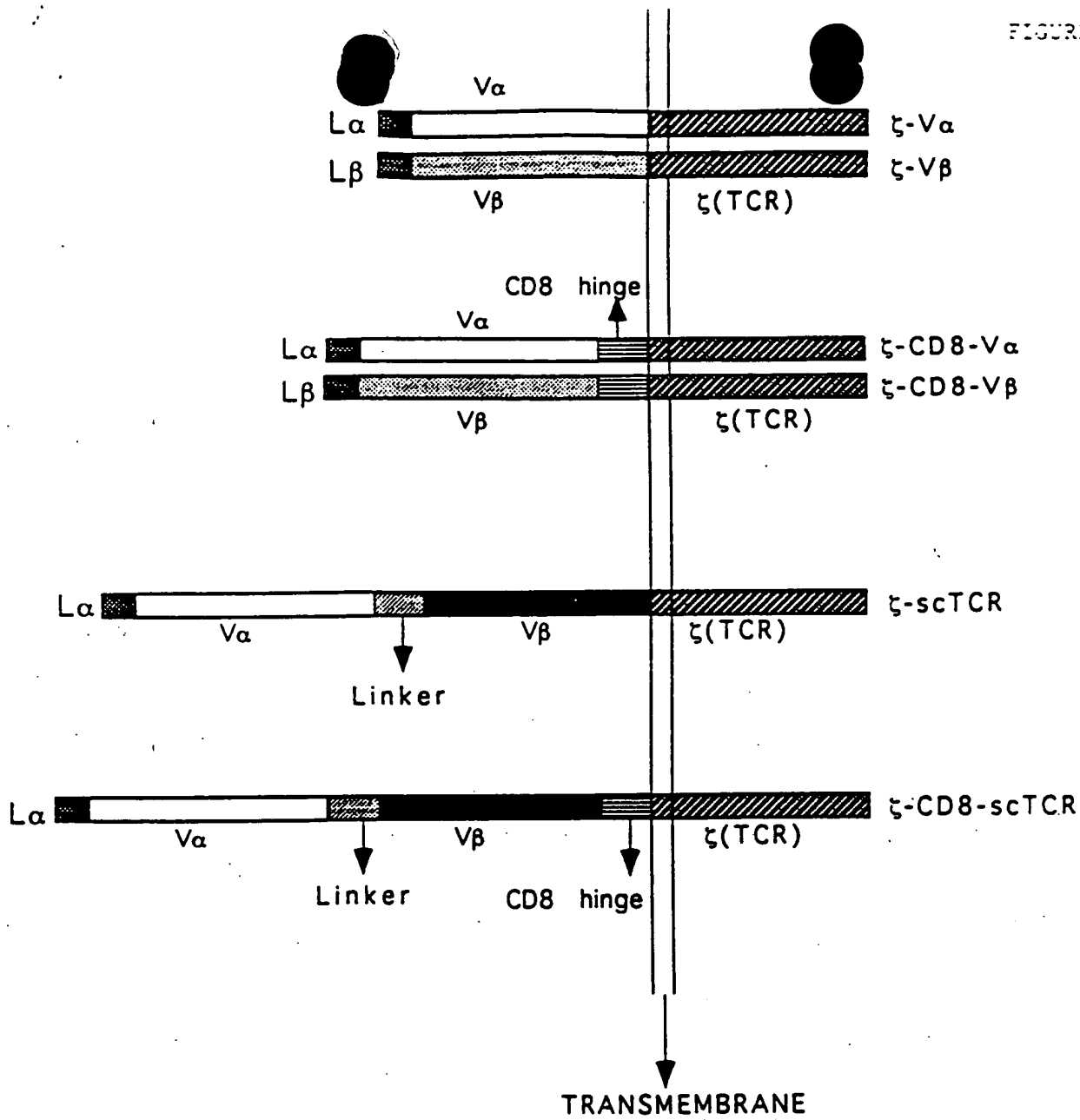
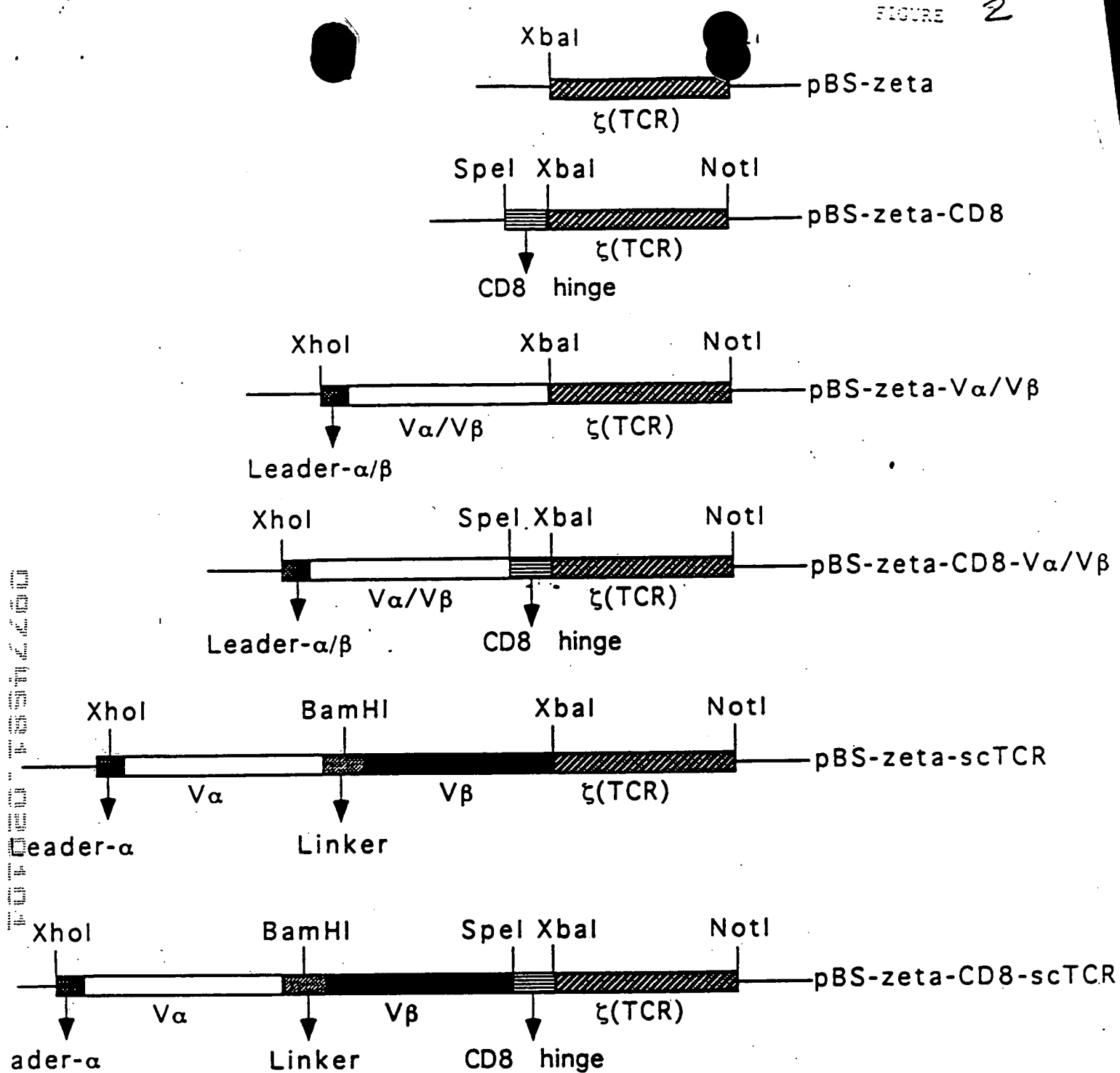


FIGURE 1

FIGURE 1





*Handwritten: L X*

9	18	27	36	45	54
CTC GAG ATG CAG AGG AAC CTG GGA GCT GTG CTG GGG ATT CTG TGG GTG CAG ATT					
L E M Q R N L G A V L G I L W V Q I					
63	72	81	90	99	108
TGC TGG CTG AAA GAA CAG CAA GTG CAG CAG AGT CCC GCA TCC TTG GTT CTG CAG					
C W L K E Q Q V Q Q S P A S L V L Q					
117	126	135	144	153	162
GAG GGG GAG AAC GCA GAG CTC CAG TGT AGC TTT TCC ATC TTT ACA AAC CAG GTG					
E G E N A E L Q C S F S I F T N Q V					
171	180	189	198	207	216
CAG TGG TTT TAC CAA CGT CCT GGG GGA AGA CTC GTC AGC CTG TTG TAC AAT CCT					
Q W F Y Q R P G G R L V S L L Y N P					
225	234	243	252	261	270
TCT GGG ACA AAG CAG AGT GGG AGA CTG ACA TCC ACA ACA GTC ATT AAA GAA CGT					
S G T K Q S G R L T S T T V I K E R					
279	288	297	306	315	324
CGC AGC TCT TTG CAC ATT TCC TCC TCC CAG ATC ACA GAC TCA GGC ACT TAT CTC					
R S S L H I S S S Q I T D S G T Y L					
333	342	351	360	369	378
TGT GCC TCA AAT TCT GGA GGA AGC AAT GCA AAG CTA ACC TTC GGG AAA GGC ACT					
C A S N S G G S N A K L T F G K G T					
387	396	405	414	423	432
AAA CTC TCT GTT AAA TCA GGT GGC GGA GGG TCT GGC GGG GGT GGA TCC GGG GGT					
K L S V K S G G G G S G G G G S G G					
441	450	459	468	477	486
GGA GGC TCA GAG GCT GCA GTC ACC CAA AGC CCA AGA AAC AAG GTG GCA GTA ACA					
G G S E A A V T Q S P R N K V A V T					
495	504	513	522	531	540
GGA GGA AAG GTG ACA TTG AGC TGT AAT CAG ACT AAT AAC CAC AAC AAC ATG TAC					
G G K V T L S C N Q T N N H N N M Y					
549	558	567	576	585	594
TGG TAT CGG CAG GAC ACG GGG CAT GGG CTG AGG CTG ATC CAT TAT TCA TAT GGT					
W Y R Q D T G H G L R L I H Y S Y G					
603	612	621	630	639	648
GCT GGC AGC ACT GAG AAA GGA GAT ATC CCT GAT GGA TAC AAG GCC TCC AGA CCA					
A G S T E K G D I P D G Y K A S R P					

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*Handwritten: U12*

AGC CAA GAG AAC TTC TCC CTC ATT TTG GAG TCG GGT ACC TCC TGT CAT ACA TGA  
 ...  
 S Q E N F S L E L A T P S T S

711 720 729 738 747 756  
 GTG TAC TTC TGT GCC AGC GGT GAG ACA GGG ACC AAC GAA AGA TTA TTT TTC GGT  
 ...  
 V Y F C A S G E T G T N E R L F F G

765 774 783 ~~48E~~ 792 801 810  
 CAT GGA ACC AAG CTG TCT GTC CTG ACT AGT AAC TCC ATC ATG TAC TTC AGC CAC  
 ...  
 H G T K L S V L T S N S I M Y F S H

819 828 837 846 855 864  
 TTC GTG CCG GTC TTC CTG CCA GCG AAG CCC ACC ACG ACG CCA GCG CCG CGA CCA  
 ...  
 F V P V F L P A K P T T T P A P R P

873 882 891 900 909 918  
 CCA ACA CCG GCG CCC ACC ATC GCG TCG CAG CCC CTG TCC CTG CGC CCA TCT AGT  
 ...  
 P T P A P T I A S Q P L S L R P S S

1001 927 936 945 954 963 972  
 TCT AGA GAT CCC AAA CTC TGC TAC CTG CTG GAT GGA ATC CTC TTC ATC TAT GGT  
 ...  
 S R D P K L C Y L L D G I L F I Y G

981 990 999 1008 1017 1026  
 GTC ATT CTC ACT GCC TTG TTC CTG AGA GTG AAG TTC AGC AGG AGC GCA GAC GCC  
 ...  
 V I L T A L F L R V K F S R S A D A

1035 1044 1053 1062 1071 1080  
 CCC GCG TAC CAG CAG GGC CAG AAC CAG CTC TAT AAC GAG CTC AAT CTA GGA CGA  
 ...  
 P A Y Q Q G Q N Q L Y N E L N L G R

1089 1098 1107 1116 1125 1134  
 AGA GAG GAG TAC GAT GTT TTG GAC AAG AGA CGT GGC CGG GAC CCT GAG ATG GGG  
 ...  
 R E E Y D V L D K R R G R D P E M G

1143 1152 1161 1170 1179 1188  
 GGA AAG CCG AGA AGG AAG AAC CCT CAG GAA GGC CTG TAC AAT GAA CTG CAG AAA  
 ...  
 G K P R R K N P Q E G L Y N E L Q K

1197 1206 1215 1224 1233 1242  
 GAT AAG ATG GCG GAG GCC TAC AGT GAG ATT GGG ATG AAA GGC GAG CGC CGG AGG  
 ...  
 D K M A E A Y S E I G M K G E R R R

1251 1260 1269 1278 1287 1296  
 GGC AAG GGG CAC GAT GGC CTT TAC CAG GGT CTC AGT ACA GCC ACC AAG GAC ACC  
 ...  
 G K G H D G L Y Q G L S T A T K D T

1305 1314 1323 1332 1341 ~~1341~~ 1350  
 TAC GAC GCC CTT CAC ATG CAG GCC CTG CCC CCT CGC TAA GCG GCG GCC ACC GCG  
 ...  
 Y D A L H M Q A L P P R A A A T A

FIGURE

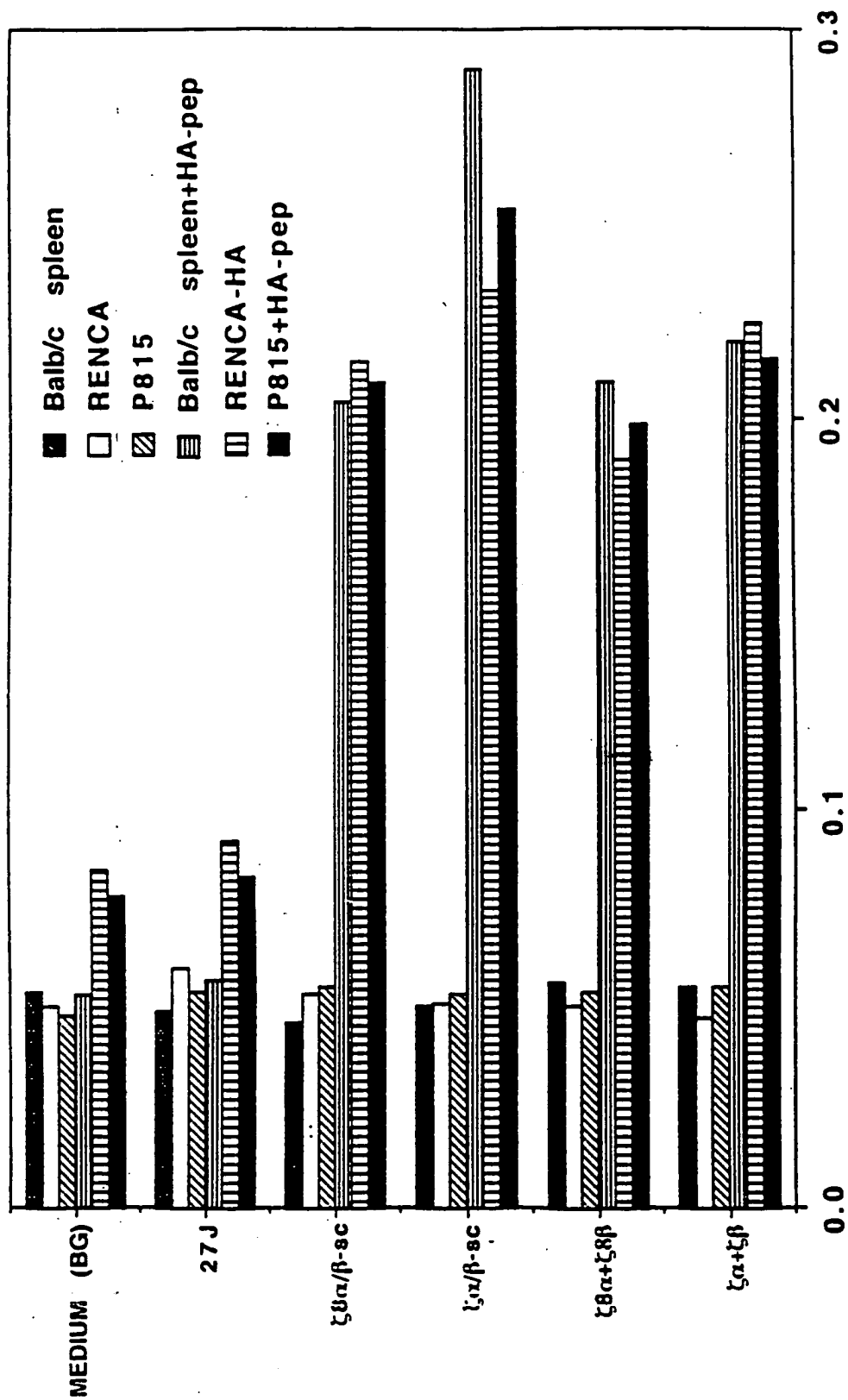
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STOP



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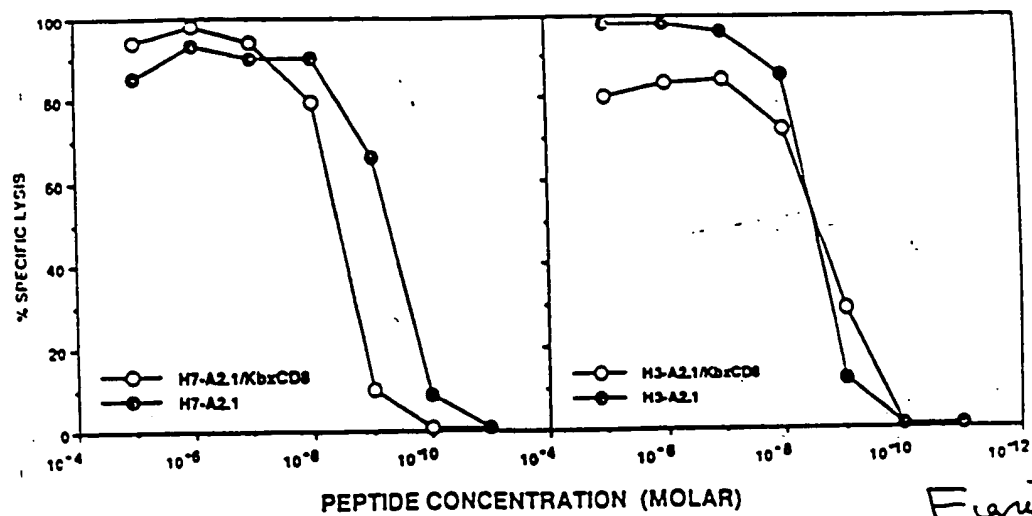


Figure 5

Val CCC AAG GCA CTG ATG TTC AT  
 Val2 TGA GAC AAA GTC CCC AAT CT CAG  
 Val3 CTG CAG CTG CTC CTC AAG TAC TAT TC  
 Val4.1,2,3 TCC CGG AGA AGG TCC ACA GTT CCT CTT T  
 Val4.4 GAA GCA GCA GAG GGT TTG AAG CCA CAT AC

2.  
 Val5 GGC AGG TCT TCA GTT GCT TAT GAA GGT  
 Val6 GGT TCC TCT TCA GGG TCC AGA ATA TGT  
 Val7 GCG AAG AAC TCA CCC TGG ACT GTT CAT  
 Val8 GAG CTC CAC AGA CAA CAA GAG GAC CGA GCA  
 Val9 GAG CTG CGA CGT TCC TTA GTG ACT GTG

3.  
 Val10 CCT CGT CAG CCT GTT GTC CAA TCC TTC TGG  
 Val11 CAG CCT CAT CAA TCT GTT CTA CTT GGC T  
 Val12 CCA CCA GGG ACC ACA GTT TAT CAT TCA A  
 Val14 ACC TGG AGA GAA TCC TAA GCT CAT CAT  
 Val15 AGG TCT TGT GTC CCT GAC AGT CCT GGT T

4.  
 Val16 CAA GCA AAC ACT GTA GTG CAG AGC CCT TCC  
 Val17 CAA GAC ATC CAT AAC TGC CCT ACA G  
 Val18 GTG TAT GAA ACC CAG GAC AGT TCT TAC  
 Val19 CCG TAT TTC TTT CTT ATG TTG TTT TGG AT  
 Val20 CAA AGC TCT CCA TCG CTG ACT GTT CAA G

#### Beta Groups

1.  
 VB1 ATC TAA TCC TGG GAA GAG CAA AT  
 VB2 GGC GTC TGG TAC CAC GTG GTC AA  
 VB3 GTG AAA GGG CAA GGA CAA AAA GC  
 VB4 GAT ATG CGA ACA GTA TCT AGG C  
 VB5.1 ACA TAA TCA AAG GAA AGG GAG AA

2.  
 VB6 TCC TGA TTG GTC AGG AAG GGC AA  
 VB7 TAC CTG ATC AAA AGA ATG GGA GA  
 VB8.1 ATA ACC ATG ACA ATA TGT ACT GG  
 VB8.2 ATA ACC ACA ACA ACA TGT ACT GG  
 VB8.3 ATA GCC ACA ACT ACA TGT ACT GG

3.  
 VB9 AGC TTG CAA GAG TTG GAA AAC CA  
 VB10 GAT TAT GTT TAG CTA CAA TAA TA  
 VB11 ACA AGG TGA CAG GGA AGG GAC AA  
 VB12 ACC TAC AGA ACC CAA GGA CTC AG  
 VB13 CAG TTG CCC TCG GAT CGA TTT TC

4.  
 VB14 GCC GAG ATC AAG GCT GTG GGC AG  
 VB15 AGA ACC ATC TGT AAG AGT GGA AC  
 VB16 CAT CAA ATA ATA GAT ATG GGG CA  
 VB17 GTA GTC CTG AAA AAG GGC ACA CT  
 VB18 CAT CTG TCA AAG TGG CAC TTC A

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File Name : n7-beta

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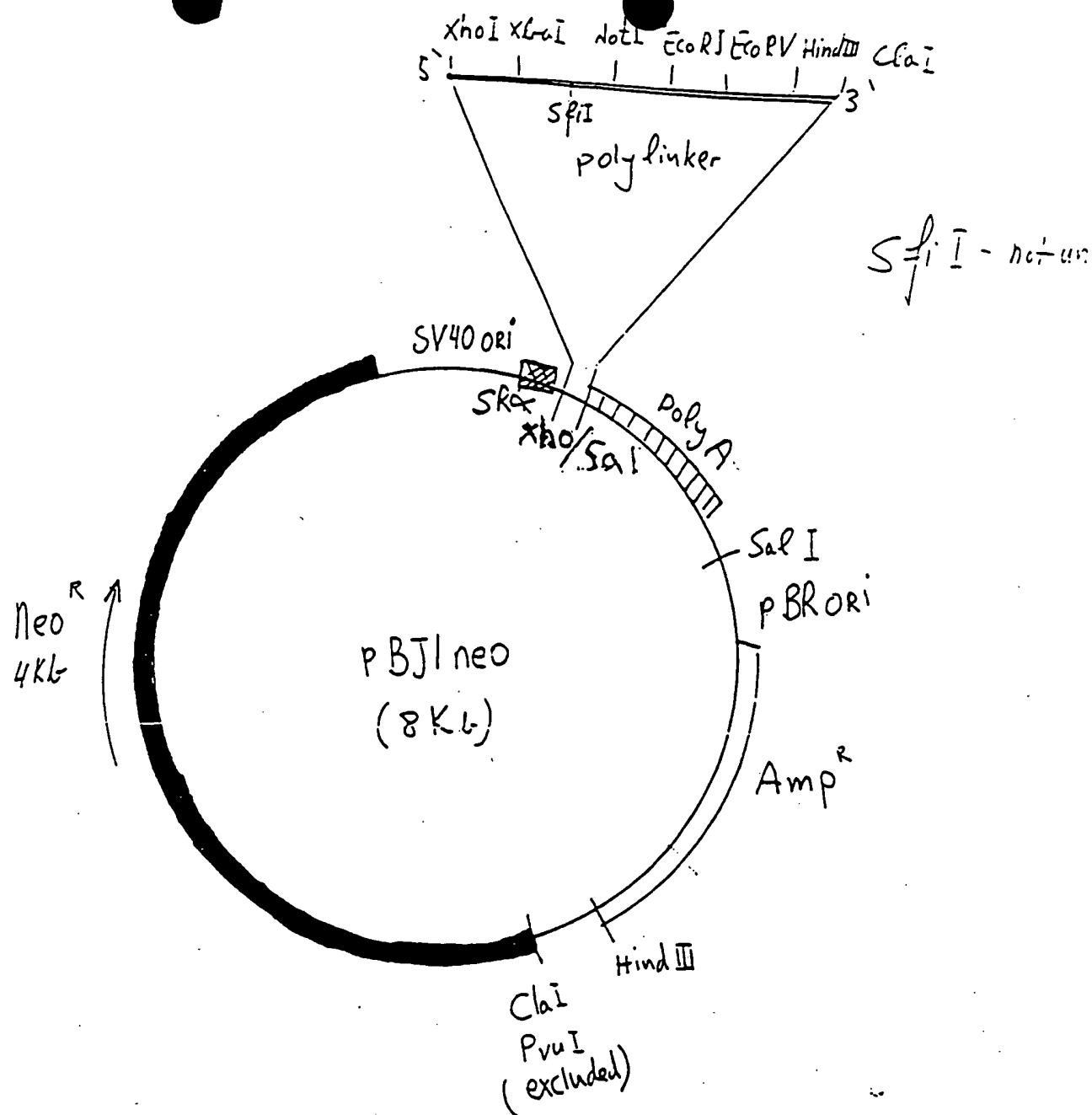
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ATG	GGC	TCC	AGA	CTC	TTC	TTT	GTG	GTT	TTG	ATT	CTC	CTG	TGT	GCA	AAA	CAC	ATG
Met	Gly	Ser	Arg	Leu	Phe	Phe	Val	Val	Leu	Ile	Leu	Leu	Cys	Ala	Lys	His	Met
GAG	GCT	GCA	GTC	ACC	CAA	AGT	CCA	AGA	AGC	AAG	GTG	GCA	GTA	ACA	GGA	GGA	AAG
Glu	Ala	Ala	Val	Thr	Gln	Ser	Pro	Arg	Ser	Lys	Val	Ala	Val	Thr	Gly	Gly	Lys
GTG	ACA	TTG	AGC	TGT	CAC	CAG	ACT	AAT	AAC	CAT	GAC	TAT	ATG	TAC	TGG	TAT	CGG
Val	Thr	Leu	Ser	Cys	His	Gln	Thr	Asn	Asn	His	Asp	Tyr	Met	Tyr	Trp	Tyr	Arg
CAG	GAC	ACG	GGG	CAT	GGG	CTG	AGG	CTG	ATC	CAT	TAC	TCA	TAT	GTC	GCT	GAC	AGC
Gln	Asp	Thr	Gly	His	Gly	Leu	Arg	Leu	Ile	His	Tyr	Ser	Tyr	Val	Ala	Asp	Ser
ACG	GAG	AAA	GGA	GAT	ATC	CCT	GAT	GGG	TAC	AAG	GCC	TCC	AGA	CCA	AGC	CAA	GAG
Thr	Glu	Lys	Gly	Asp	Ile	Pro	Asp	Gly	Tyr	Lys	Ala	Ser	Arg	Pro	Ser	Gln	Glu
AAT	TTC	TCT	CTC	ATT	CTG	GAG	TTG	GCT	TCC	CTT	TCT	CAG	TCA	GCT	GTA	TAT	TTC
Asn	Phe	Ser	Leu	Ile	Leu	Glu	Leu	Ala	Ser	Leu	Ser	Gln	Ser	Ala	Val	Tyr	Phe
TGT	GCC	AGC	AGC	GAT	TTC	GCC	GGG	ACA	GGG	GGC	TTC	TAT	GAA	CAG	TAC	TTC	GGT
Cys	Ala	Ser	Ser	Asp	Phe	Ala	Gly	Thr	Gly	Gly	Phe	Tyr	Glu	Gln	Tyr	Phe	Gly
CCC	GGC	ACC	AGG	CTC	ACG	GTT	TCT	3'									
Pro	Gly	Thr	Arg	Leu	Thr	Val	Ser										

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